**Table S1**. Photophysical properties of the iridium complex **1** a

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Complex | UV-vis  λ/ nm ( dm3 mol–1 cm–1) | λmax  (nm) | φ | τ(µs) |
| [Ir(dfppy)2(dnbpy)]PF6  (**1**) | 211 (3.06 x 104)  255 (3.18 x 104)  300 (2.19 x 104)  386 (sh)  450 (sh) | 490 | 0.10 | 4.53 |

a 50 μM solutions of complex **1** in degassed CH3CN at room temperature. Quantum yields were determined using [Ru(bpy)3]PF6 as reference.